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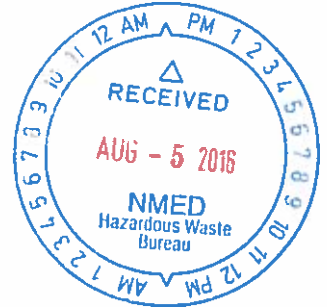


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Mr. David Cobrain
New Mexico Environment Department (NMED)
Hazardous Waste Bureau
2905 Rodeo Park Dr. E/Bldg 1
Santa Fe, NM 87505



RE: Technical Review of the *EcoRisk Database, Version 3.3*, Los Alamos National Laboratory (LANL), dated October 2015.

Dear Mr. Cobrain:

This letter addresses the review of updates to the LANL's EcoRisk database, version 3.3, dated October 2015. Toxicity Reference Values (TRVs) were updated or added for some high explosive chemicals (2,4,6-trinitrotoluene, HMX, RDX, 1,3,5-trinitrobenzene, and 4-amino-2,6-dinitrotoluene) for sediment aquatic community organisms and avian insectivores. Transfer Factors for ingestion of invertebrates were updated/added for several high explosives (2,4,6-trinitrotoluene, HMX, RDX, and 2-amino-4,6-dinitrotoluene) and inorganics (thallium, fluoride, and antimony). The incorporation of these changes resulted in updates to the minimum ecological screening levels (ESLs) for 2,4,6-trinitrotoluene, HMX, RDX, 1,3,5-trinitrobenzene, 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, antimony, fluoride, and thallium. No concerns with noted with the changes.

In addition, as part of the previous review of the *Screening-Level Ecological Risk Assessment Methods, Revision 4* (October 2015), we noted that the ESLs are tied to the EcoRisk database (AQS deliverable dated December 15, 2015). The review of 2015 EcoRisk update did not result in technical modifications that would reflect a need for changes to the methodologies outlined in the *Screening-Level Ecological Risk Assessment Methods, Revision 4*.

